Modern Plastics Vol 16

A

MP 9/38, 48 "Trade names + suppliers (parts of General plastics" Kunststoffe, 182-87 (July, 1938).

p. 52 Patent; ~~thickening~~ Thermoplastics E.I. Hering (to R+H) U.S. 2,123,552, July 12

Molding Resin. ~~Non-~~ Schmitz (to R P & C Co.) U.S. 2,124,532. July 26

2. Leather finishes. H. Freudenberg & P. Hoey (to Freudenberg & Co., G.m.b.H.) U.S. 2,126,324 Aug 9

MP 10/38, p. 14 ~~Comm. Ex Friedrich, Ch. D.S.~~; ~~work R+H, R. Koch, work R. P. + C. Co.~~; Ch. W.T. Reece ~~work~~ R.P.&C.Co. ~~Book Collaborated with D.R. Wampler of Hercules Powder Co. pp 16, 28, 90, 164~~

Ad. pp 60-1, 60 on plexiglas, describes "a thermoplastic acrylic resin of outstanding transparency, light weight + toughness, available in sheet + tubed sheets", and says "R+H" originators of acrylic resin products, + the first to produce them commercially - Maintain their leadership in the development of new + improved forms of

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~~Resinous Products~~ p. 275

P285 "Directory of Chemicals & Raw Materials, used in the manufacture of plastics compositions utilized in the production of molded or laminated products":

Acid, Selbain
R P & C Co (pg 13)

~~Methyl Hexyl Ketone~~
~~R P & C Co (ketone)~~

~~Methyl Methacrylate~~
~~R P & C Co~~ } 2 of 3
~~R & H~~ }

~~Methylamines~~
~~R & H 102~~

~~Molding Compounds, Urea Formaldehyde~~
~~R P & C Co 104~~

~~Plasticizers~~
R P & C Co 119

~~Resin Solvents for Plywood Veneers~~
~~R P & C Co 119~~

~~Resin Solvents~~
~~R P & C Co~~
~~R & H 249~~

~~Resin, Soil~~
~~R & H 106~~

~~Revising Agreement~~
~~RPHCo 147~~
~~Revising Plants~~
~~RPHCo 22413~~
~~R+H~~
~~Revising Articles~~
~~RPHCo 22421~~
~~R+H~~
~~Revising Trees~~
~~RPHCo 147~~

~~In 13 of 99 decisions~~, with ~~duplications~~. ~~R+H 6 times~~ RPHC ~~& 11 times~~

3' "Printing of ~~Wooden~~ Equipment ~~& Supplies used in part~~ in ~~the~~ ~~building~~ & fabricating ~~Plastic~~ articles"

~~Name of Company in Plaintiff~~ Lanxess

"Printing of Custom Molders, Fabricators, Designers & other Lanxess ~~experts to be evaluators of finished~~ articles of plastic ~~reinforcing~~ materials."

~~Name Directory~~

~~Trade Names under Address Markings~~

~~"Directory of Trade Names & Suppliers of~~
~~Plastics Materials for Paints"~~
~~"Name + Composition" "Composition"~~
~~"Acrylic" RPM's Acrylic~~
~~" Acrylic" " Alkyd~~
~~"Alkyd" " Amine~~
~~"Amine" " Celluloid~~
~~"Celluloid" " Phenolic~~
~~"Epoxy" " Alkyd emulsion~~
~~"Phenolic" " Celluloid~~
~~"Polyester" " "~~
~~"Urea" " Melamine urea-formaldehyde resin~~

~~"Miscellaneous Plastics"~~
~~"Plexiglas" RPM Acrylic resin for~~
~~laminated floor~~
~~"Primal" " Acrylic resin for leather~~
~~finishes~~
~~"Rhoplex" " Urea resin~~
~~"Tego" RPM's Acrylic resin for textile~~
~~finishes~~
~~Phenolic resin for plywood~~

In "Cellular material List of Export
Advisory only [illegible]

"Acrylic Resins, Dr. D. S. Frederick
p16 ↓ p16, 17. One photo of laminated
XPBZY1 "crystal clear PS plexiglas windows
turret + [illegible] enclosure" Big Fighter
jet"

"The industrial development +
application of the acrylic resins have
been due mainly to the research of
Dr. Otto Röhm of Darmstadt germany
who, with his collaborators, has
continuously worked with these
materials since he inaugurated publi-
cation with Von Pechmann in 1901"

"The laminated glass industry has
for several years employed the
acrylic resins as an intermediate
layer in the manufacture of safety glass."

5 "The colorless transparency + freedom
from haze of acrylic-laminated glass
is unequalled by glass laminated with
any other plastic"

~~[illegible] is [illegible] has no effect on [illegible]~~

~~very toxicity test~~

~~No discoloration of serum seen until~~ more than 350° F.

"~~The~~ Typical properties of the acrylic resins make them suitable for use in ~~optical~~ lenses, camera lenses, magnifying glasses, ~~[illegible]~~"

"~~Nursing powders~~ ~~[illegible]~~ pretty good ~~[illegible]~~ - seemingly fast

"~~Ethocel, Cellulose Resins~~" ~~pp 28, 104, 6~~ ~~DR Wiggam's Written Test~~

~~Cellulose derivatives in plastics: high~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~

~~"Synthetic Resin Coatings" W. Pearce~~
~~pp 199~~

"Resins in Wood Fabrication" by H. Koch
~~pp 204~~ ~~PPHCo Photographs were~~
~~purchased in Stockholm gallery "Tega" London~~

"~~Not until a phenolic resin film, in~~
~~successful use in Europe, became available~~
~~in this country, was it announced that~~
~~weather-proof plywood had become a~~
~~practical & economical possibility~~ (~~1937~~)

~~Resin film finish to the adhesive~~
~~in mfg of plywood. Finished product~~
~~is used~~ ~~in~~ Motor and Aviation
Cabinets, furniture, air-cond. equipment, th.
airplanes, boats, autos (~~for~~ wooden wing
spars, ~~laminated~~ ~~gun~~ propellers

~~film Adhesive used~~

7 "~~Here~~, when this article ~~indicates~~ only
a few ~~advantages~~ as having been proved practicable,
~~it is~~ in the laboratory, that to date practically
the entire commercial demand has been
supplied ~~by~~ but more than 4 products, one of

November 1938
ad pp. 16+17 Von 4 prize in annual plastics competition: Plexiglas 3rd in "sculpture" & hon. mention in "industrial" "consumer" fields. Winners announced made by Dr. C.E. Sands, of Rohm Ag. award for display pieces, 3rd pr. cast sheet; crystalite brief prize transport by a radio cop. Lucite for airplanes - light weight high impact strength, clear transparency.
See also pp 31, 77

Patents
Vinyl Polymers H. Plauson 16
(R&H) US. 2,127,[illegible] Aug 16.

Acrylate polymers. [illegible]
XYZ Rohm (to Rohm & Haas Co.) US
2,129,478, Sept 6.

Foreign patents (Rohm & Haas assignees)
Germans, Rohm & Haas Patents

Gesellschaft. British P. 482,194, Sept. 14, 1936

Molding polymerizable. Ribbon and Hall Aug. British P. 482,635 Oct 5, 1936.

Injection molding. Ribbon and Hall Aug. French P. 822,822, Aug 5, 1937

Safety Glass. R & H Aug German P. 660,634, March 14, 1938

p. 80, molding powder of the Resin industry and Pellet Corp. David S. Plastine, R+H Co.

M.P. 12/38 and p. 14 compound availability of Plexiglas Molds

Pp 36-7 Molds of Standard Molds

p 54 (Plastics Digest) Use of Plastics in Airplane construction. W. Kirk Plastics 29, 263-7 (Oct 38)

962

"News" announcement of commercial availability of a new ester, dibutyl sebacate, prized as a plasticizer in nitrocellulose and other plastic compounds, has just been announced by R. P. & H. Co., Inc. P. Pa." etc. and

"We have just learned that a transparent Plexiglas sheet played a very important part in the development of the new Polaroid glass-surfaced plastic-type sunglass material which" etc.

"The quarterly price list of R & H chemicals has been published by E. I. du Pont de Nemours and Co., Wilmington, Del., including quotations on a wide range of materials used in the processing and chemical industries" quoted Wednesday.

~~Also~~ Note References of cited art on cellulose esters:
~~Patent 2,117,243, H. A. Brown + R & H Co.~~

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P 58 Announcement by R+H of a competition sponsored by Museum of Modern Art for best example of sculpture worked in Plexiglas. Gilbert Rohde, consultant designer for R+H conceived idea + will consult with Museum in directing competition 5 prizes offered $1,500. First prize to be shown at 1939 World Fair 1939

Rohde's address: 32 E 57 th St NYC

~~to R+H for their office.~~

Feb 38.

P 57 - News " " The R+H Co, mfrs, metal furniture, desks + other Chemical Products, announces that they have retained Mr. Gilbert Rohde, Industrial Designer, as consultant in the development of their Plexiglas + Crystalite products

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2nd
May 1939

p. [illegible] Fair

p-25 [illegible] Treasure Island, San Francisco

[illegible] at PPIE Palace of

p-62 Tempo"

" [illegible] Rohde, municipal
lawyer, announces the removal
of his office to 60 E. 42 St., N.Y."

"[illegible] Keller, New York
municipal official, moved
to his new offices in the
Associated Press Bldg. in
Rockefeller Plaza, on May 1st."

(April 11- Photo of Ex. to Fair, P+H

p.6- [illegible] of 5 of 250 in Long Island
Assembly by P+H (Rohde)

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June

p. 28 ~~Results of Accelerated Test~~

~~5/1/26~~

~~Assembly of the Plastics Products~~

~~Pressure Molding~~

P&H refs:

~~U.S. Home, U.S. Federal~~

p. 52, 4 Patents

" Pyle, Alkyd Resins. H.C. Cheetham & Wm. L. Evans (to R. P. [illegible] Co.) U.S. 2,153,514 & 2,153,512, April 4

" Glass reinforced Plastics. O. Röhm & W. [illegible] W. Bauer (to R&H Co.) U.S. 2,154,639 April 18

" Plastic Lenses" H.A. Brueggen (to R&H) U.S. 2,156,144, April 25

" Cast Resin Sheet. W.F. [illegible] Barroe (to R&H) U.S. 2,157,049, [illegible]

July

Acrylic Resins & Acrylates
Resins & Plastics

pp 32-8, 74

Story "Acrylic Resins Gain Many Uses" - design Mfg
Board on H+H exhibit displayed
at PEMA Galleries, Radio
City

Story shows diversifying properties,
uses & marketing, etc

Patents

p 58 "Process Polyacrylates"
W. Bauer & H Lautz (to H+H)
U.S. 2,160,054, May 30

"Sulphonamide Resin" H+H Brunson
& J.W. Gates (to H+H & Co) US
2,160,196, May 30

14 H 32/8 "Design Factors of Plastics"
Carlson May

52 - Comment on Article by H.C. Cheetham "Recent-

"News" p62

"Rhoplex WL-66 an important addition to its line of solvent free, water dispersed, elastomeric synthetic resins, developed for the production of permanent finishes on textiles, paper & other water absorbent materials, is announced by R&H."

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